GitHub Foundations

GH-900T00-A

Course code	GH-900T00-A
Duration	2 days
Level	Beginner
Product	GitHub
Role	Administrator, DevOps Engineer
Subject	GitHub fundamentals; collaboration; source control
Related certification	GitHub Foundations

Overview

GitHub Foundations introduces the fundamental concepts, features, and products of GitHub. Learners explore GitHub as a collaborative platform, including repository management, commits, branches, merging, issues, discussions, notifications, and pull requests through curated modules and hands-on exercises.

Audience profile

Learners who want to understand GitHub and its best practices. The course develops familiarity with repository management, GitHub flow, branches, commits, pull requests, collaborative features, notifications, and subscriptions.

Prerequisites

- A GitHub account
- Basic computer literacy
- No advanced GitHub experience is required

Course syllabus

GitHub Foundations Part 1 of 2

- Introduction to Git
- Introduction to GitHub
- Introduction to GitHub products
- Configure code scanning on GitHub

- Introduction to GitHub Copilot
- Code with GitHub Codespaces
- Manage your work with GitHub Projects
- Communicate effectively on GitHub using Markdown

GitHub Foundations Part 2 of 2

- Contribute to an open-source project on GitHub
- Manage an InnerSource program by using GitHub
- Maintain a secure repository by using GitHub best practices
- Introduction to GitHub administration
- Authenticate and authorize user identities on GitHub
- Manage repository changes by using pull requests
- Search and organize repository history
- Manage GitHub notifications and subscriptions

Related certification

GitHub Foundations

Official Microsoft Learn source

https://learn.microsoft.com/en-us/training/courses/gh-900t00